

ITEM:

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SUBJECT:

Uncontested NPDES Permits

REPORT:

Following is the proposed permit. All agencies and the dischargers concur, or have offered no comments.

	<p>a. The Discharger owns and operates a wastewater treatment plant in the community of Mineral, Tehama County. The discharge is currently regulated pursuant to Waste Discharge Requirements Order No. R5 2002-0115. This is a minor NPDES discharge. The wastewater treatment system consists of a bar screen, flow measurement device, aeration basin, two 2.5 acre evaporation/percolation ponds, pressure filter, chlorination and dechlorination and is designed to handle a monthly average dry weather influent flow of 0.070 mgd, and a wet weather discharge flow of 0.75 mgd. Wastewater is discharged to the South Fork of Battle Creek, a tributary of Battle Creek. Between November 15 and April 15, wastewater may be discharged to South Fork Battle Creek, but only when the creek flow is 35 cubic feet per second or more. Additionally, discharge to the South Fork Battle Creek is prohibited from April 16 to November 14, unless approved by the Executive Office because of extreme conditions. The discharge is intermittent and during the last five years, there was only one day of discharge to South Fork Battle Creek. Previous California Toxic Rule (CTR) sampling, was performed on wastewater stored in the evaporation/percolation ponds (not filtered disinfected effluent). The wastewater in the ponds is not representative of the final effluent because filtration would reduce the concentrations of pollutants in the discharge such as total metals and chlorination may produce chlorine byproducts. The Discharger recently made modifications to the plant, that enable them to route wastewater through the entire process without discharging to receiving water (returning effluent to the ponds) so that representative samples of the effluent now can be collected without discharging to surface waters. Therefore, water quality based effluent limitations for CTR parameters are not included in this Order for pollutants that were not already regulated by Order No. R5-2002-0115. This Order requires additional sampling and reporting to make a determination if effluent limits are required for the CTR parameters. A total of four samples (effluent and receiving water) during the first 2 year after adoption will be collected and analyzed to determine if there is the reasonable potential of the effluent to cause or contribute to an in-stream excursions above applicable water quality standards. If there is a reasonable potential, then the Order will be reopened and effluent limits will be assigned to the CTR parameters as applicable. All four</p>
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		samples will be collected from the filtered disinfected effluent, and they are required to be collected between November 15 and April 15. Two CTR samples will be collected during the first period (November 15, 2007 – April 15, 2008), and the other two samples will be required to be collected during the second period (November 15, 2008 – April 15, 2009).
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RECOMMENDATION: Adopt the proposed NPDES permits.

Mgmt Review_____

Legal Review _____

Central Valley Regional Water Quality Control Board
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2 August 2007